

REPORT
ON THE
HEALTH
OF THE
BOROUGH OF SUTTON COLDFIELD
FOR THE YEAR, 1905,

BY

A. BOSTOCK HILL, M.Sc. M.D., D.P.H., Camb.,

FELLOW OF THE INSTITUTE OF CHEMISTRY,

FELLOW OF THE ROYAL SANITARY INSTITUTE,

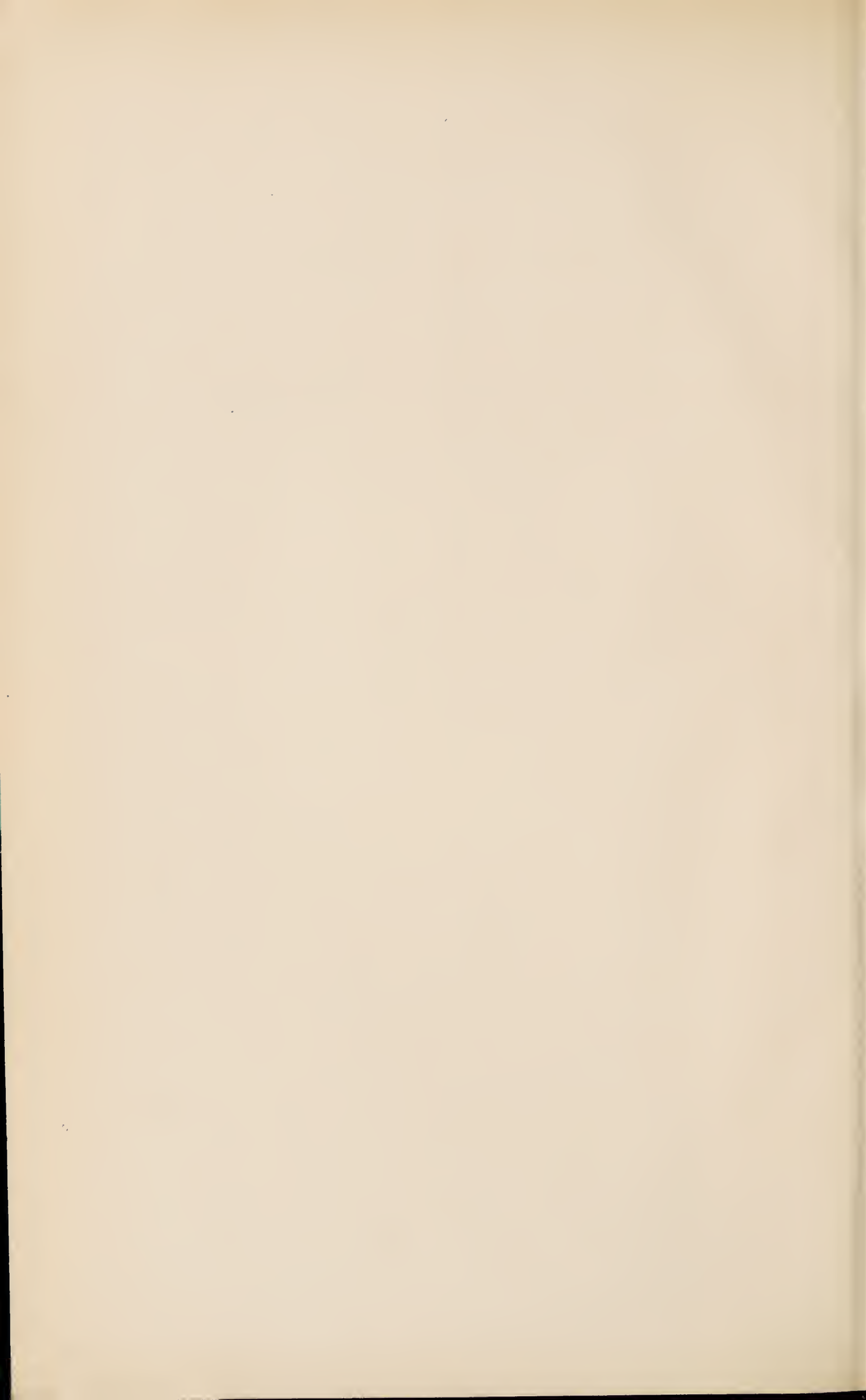
PROFESSOR OF HYGIENE, AND PUBLIC HEALTH, UNIVERSITY OF BIRMINGHAM.

MEDICAL OFFICER OF HEALTH.

BIRMINGHAM :

BUCKLER & WEBB LIMITED, PRINTERS, CHURCH STREET.

1906.



MEDICAL OFFICER OF HEALTH'S OFFICE,

14, TEMPLE STREET, BIRMINGHAM,

29th January, 1906.

To the Sanitary and Buildings Committee.

MR. CHAIRMAN AND GENTLEMEN,

1. I have the honour to present to you my TWENTIETH ANNUAL REPORT on the Sanitary Condition of the Borough, and in order to make comparison with previous reports as easy as possible, I have adopted the same general arrangement of tabular forms.

AREA.

2. This is the same as last year, namely 13,030 acres, and as there has been no alteration in the Ward Boundaries, the area is sub-divided as follows :—Boldmere Ward, 1,051 acres ; Hill, 2,907 ; Maney, 848 ; Trinity, 3,223 ; Walmley, 4,242 ; and Wylde Green, 759.

POPULATION.

3. I am much indebted to the Borough Surveyor for his assistance in helping to estimate the population of the Borough, and I have also received from the Borough Accountant a table showing the number of inhabited houses in the first quarter of the year, and as a result of the information I have been able to obtain I estimate the number of occupied houses to be 3,938, and by multiplying this by 4.64, the average number of people found in each house in the census year 1901, I estimate the population to be 18,272. There are also 219 persons in the Princess Alice Orphanage, so that the total population of the Borough in the middle of the year I estimate to have been 18,491.

4. It will be seen that I again record a further increase in the population compared with the previous year, and it must be evident to anyone acquainted with the Borough that such increase of population is taking place by noting the large number of new buildings which are being erected. The increase on the previous year I estimate at 970

5. The following table shows the population divided among the Six Wards :—

WARDS.	Area in Acres.	Population.
Boldmere Ward	1,051	4,460
Hill Ward	2,907	2,955
Maney Ward	848	3,958
Trinity Ward	3,223	3,392
Walmley Ward	4,242	1,336
Wylde Green Ward	759	2,390
	13,030	18,491

BIRTHS.

6. Three hundred and sixty eight births have been registered during the year, namely 198 males and 170 females. This is eight more than in the previous year, and gives us a Birth Rate, on the estimated population, of 19·9 compared with 20·5 in 1904. This Birth Rate is the lowest since the year 1898, and is not only below the average of the country, but below also that of the Urban and Rural Districts of the County of Warwick.

7. I noted last year that there was a considerable disparity between the number of male and female children born. This year the same thing is noticed, but not to so large an extent, 28 more male children being brought into the world than females. The number of illegitimate births was eight, compared with seven in the preceding year.

DEATHS.

8. One hundred and fifty three deaths have been registered during the year, namely 81 males and 72 females. Of these, four occurred in people not belonging to the Borough ; but as seven occurred in people removed to the Aston Union Workhouse, and

fourteen in the Birmingham Hospitals, I find that the correct number of deaths to be debited to the Borough is 170. This gives us a Death Rate for the year of 9·19, not only considerably less than that for last year, but far and away the lowest Death Rate recorded during the last ten years, the average for which was 11·78.

9. The following Table shows the Birth, Death, and Zymotic Death Rates for the past ten years :—

	1896.	1897.	1898.	1899.	1900.	1901.	1902.	1903.	1904.	1905.
Birth Rate ..	19·53	19·15	17·35	22·46	22·18	23·61	24·02	21·90	20·54	19·90
Death Rate ...	13·79	11·59	11·64	12·18	11·57	11·87	11·79	11·97	10·44	9·19
Zymotic Death Rate	2·35	0·77	0·95	0·60	0·75	0·62	0·61	0·66	0·39	0·64

10. The Birth Rate, therefore, it will be observed, is below the average, and the Death Rate not only considerably below, but the lowest ever recorded, while the Zymotic Death Rate, though a trifle higher than last year, is still marvellously low, and compares very favourably with the average for the past ten years.

11. The following Table shows the Birth, Death, and Zymotic Death Rates for the separate Wards of the Borough :—

WARDS.	Population.	Birth Rate.	Death Rate.	Zymotic Death Rate.
Boldmere ...	4,460	17·04	8·07	0·44
Hill ...	2,955	22·33	7·78	0·33
Maney ...	3,958	23·49	12·37	1·26
Trinity ...	3,392	17·09	9·78	0·88
Walmley ...	1,336	21·70	5·98	nil
Wylde Green ...	2,390	19·24	8·82	0·41

12. These figures show that the Birth Rate was highest in Maney, and lowest in Boldmere and Trinity Wards. The Death Rate was highest in Maney, and lowest in Walmley Ward, while in Walmley, for the second year, there was no zymotic mortality at all.

INFANT MORTALITY.

13. Of the 170 deaths, 27 were in children under a year, and 9 between one and five years. This gives us an Infant Mortality Rate of 73. By the Infant Mortality Rate, we mean the number of children who die under twelve months, calculated per thousand births during the year, and it is a matter of the greatest congratulation that there has been a reduction in this rate from last year from 136 to 73. This is the lowest ever recorded, and I am of opinion that it must be regarded as a particularly bright point in our sanitary history for the year.

14. The following Table shows at a glance the rates of Infant Mortality :—

Annual Rate of Mortality.	Percentage of Deaths of Infants under One Year to Total Deaths.	Percentage of Deaths of Children under Five Years to Total Deaths.	Percentage of Deaths of Infants under One Year to Registered Births.
9·19	15·8	21·1	7·3

15. The following were the causes of the Infantile Deaths :— Whooping Cough, 5 ; Diarrhœa, 2 ; Gastritis, 1 ; Premature Birth, 4 ; Want of Breast Milk, 1 ; Debility, 2 ; Tabes Mesenterica, 1 ; Rickets, 2 ; Convulsions, 2 ; Pneumonia, 3 ; Suffocation, 1 ; other causes, 3.

16. It will be seen that with the exception of the five deaths from Whooping Cough, and the two from Diarrhœa, all were due to causes outside sanitary effort, indeed, were it not for the fact that Whooping Cough appears to have been somewhat prevalent and to have caused considerable mortality in very young children, our figures for the year would have been considerably lower.

17. The following Table shows the distribution of Births and Deaths in each quarter :—

1905.	Births.	Birth Rate.	Deaths.	Death Rate.	Zymotic Death Rate.
1st Quarter	90	19·46	50	10·81	0·21
2nd ,,	98	21·14	36	7·78	0·21
3rd ,,	96	20·76	41	8·86	1·73
4th ,,	84	18·06	43	9·30	0·43

18. The only quarter in which the Zymotic Death Rate was high was the third, and even then it was little, if any above the average of the country at large, while in all the others it was phenomenally low. In the third quarter both the Diarrhœa deaths took place, and also four from Whooping Cough, and the two from Diphtheria.

19. It is satisfactory to observe that a very large proportion of the deaths were in very aged persons, no less than forty per cent. of the deaths being in persons aged sixty-five and upwards. The figure for last year was 29·1.

ZYMOTIC DISEASES.

20. Only twelve deaths have been registered from the seven principal zymotic diseases, compared with 7 in 1904, and 11 in 1903. Of these, two were due to Diarrhœa, one to Measles, two to Diphtheria, six to Whooping Cough, and one to Typhoid Fever.

21. *Epidemics* —With such a low mortality as that recorded above, it is obvious that nothing to be properly termed “epidemic” prevalence occurred, and with the exception of Whooping Cough, which I may remark is not a notifiable disease and which only attacks very young children, nothing approaching an epidemic was reported.

22. *Smallpox*.—Again I am able to report that not a single case of this disease has been notified during the year.

23. *Scarlet Fever*.—Only 40 cases of this disease were notified, compared with 79 in the previous year. This, I fancy, is almost again a record number. The disease has been of a very mild type, as is shown by the fact that not a single death has been registered from it.

24. As in the previous year, the disease was chiefly prevalent in Boldmere, eighteen of the forty cases occurring there. In no other Ward of the Borough did the number of cases exceed six.

25. *Measles*.—One death, the same number as in the previous year, was registered as due to this disease, and this occurred in Hill Ward in the fourth quarter of the year. There was but slight prevalence throughout the Borough, though I thought it desirable to suggest the closing of the ‘Town Infants’ School for three weeks, in May, and also that at Walmley.

26. *Whooping Cough*.—Six deaths were registered from this disease, and it is worthy of note that not a single death occurred in the previous year, though the year before that showed an undue prevalence. This can be accounted for by the fact that Whooping Cough is a disease of infant life, the bulk of the deaths occurring under two years of age. Therefore it is quite customary to find epidemic attacks every two years as a fresh crop of children reach the most susceptible age. Hence, therefore, the comparatively large number of deaths from this disease to be noted in 1905.

27. It is, however, a disease that the sanitary authority can do little to cope with. Deaths, as a rule, result from exposure of children who are suffering and who contract Pneumonia and Bronchitis, and I am afraid amelioration of the present state of affairs will only be reached through the aid of education, carried to the houses of the people by health visitors and those acting in connection with them.

28. *Diphtheria*.—Diphtheria on the whole has been much less prevalent in the Borough than in the previous year, less than half the number of cases having been notified, but though in 1904 there was no fatality, I regret to have to record two deaths during 1905.

29. Of the eight cases, two occurred in Boldmere Ward, four in Maney, one in Trinity, and one in Wylde Green. The two deaths occurred in children in one family in Maney Ward. At first it was suggested that the disease was due to insanitary conditions existing at the school which they attended, but investigation to my mind pointed to the fact, as I reported to you at the time, that the disease was due to sanitary defects in the premises where the children lived. A drain close to the house was found to be stopped up, so much so that the sewage in it was under such pressure that when the drain was opened a stream of sewage rose from the opening to a considerable height. There were other sanitary defects as well, which I may add have all been remedied. In all these cases I visited the premises and made careful investigations and the smoke test was applied in every instance.

30. *Typhoid Fever*.—It is again a matter of sincere congratulation that only two cases of this disease were notified. One of these proved fatal, but after a careful examination of all the facts in connection with the case, I have not the slightest doubt that this was an imported one. In the other case I could discover nothing whatever likely to produce infection.

31. *Diarrhoea*.—Two deaths only were registered from this disease, and looking at the increased population of the Borough, I think this is a very gratifying sign. It is true that the summer

was less suitable for an outbreak of Diarrhœal disease than the preceding one, but even taking this into consideration, I consider the record to be highly satisfactory.

32. *Influenza*.—This disease appears to have been somewhat prevalent, for although the cases are not notified to me, I find that four deaths were registered, compared with one in 1904, and two in 1903.

33. *Phthisis*.—I am pleased, despite our increased population, to be again able to point to the fact that the number of deaths from Phthisis or Consumption is again slightly lower than in the preceding year, the number registered this year being eleven, compared with 12 and 13 in the two preceding years. The percentage of Phthisis deaths to total deaths is six, which must be regarded as very satisfactory compared with the country at large.

34. I am convinced that when a patient has been suffering for some considerable time, particularly in a small house, that there is a marked degree of danger of new persons coming into residence there, if they be at all susceptible to Phthisis, and I have again adopted the procedure of the last few years, and have offered disinfection of the premises and also of the goods of the previous tenant in all cases after death from Consumption. In nearly every instance this year, I am pleased to be able to state that this has been accepted.

35. I also consider that a large amount of good is being done in the way of prevention of this scourge by the work which is being accomplished in giving young children in the schools information as to the disease and how it may be best prevented.

36. *Diseases of the respiratory Organs*.—The total number of deaths from these diseases was twenty, compared with twenty-two and twenty-four in the two preceding years.

37. *Cancer*. I am pleased to be able to report that there has been a diminished mortality from this disease of old age. The number of deaths in 1905 was 12, compared with 17 in 1904.

There has been a good deal of alarm expressed in some quarters on what has been thought to be a great increase in this disease in modern times. It is possible that there has been some increase, but it is doubtful whether the increase has been so marked as the public imagine.

SANITARY CONDITION AT THE END OF THE YEAR.

38 I can again, with perfect confidence, declare that the sanitary condition of the Borough at the end of the year is better than at any other time. Practically there was scarcely any infectious disease, while the work done in the extension of drainage, and in the laying of surface water drains has made for improved sanitary condition.

AN ACCOUNT OF ENQUIRIES MADE AS TO CONDITIONS INJURIOUS TO HEALTH, AND OF THE PROCEEDINGS ADVISED; ALSO AN ACCOUNT OF THE SUPERVISION EXERCISED OVER PLACES AND HOUSES WHICH THE SANITARY AUTHORITY HAVE POWER TO REGULATE, WITH THE ACTION TAKEN IN REGARD TO OFFENSIVE TRADES.

39. Much good work has been done in the way of general inspection of the Borough, and chiefly in regard to the condition of water closets, ashpits and drains, the Assistant to the Inspector continually supervising these matters.

NOTIFICATION.

40. Only sixty one cases, or little more than half that of the previous year, have been notified. These were as follows:—Scarlet Fever, 40; Diphtheria, 8; Typhoid Fever, 2; Erysipelas 10; and Puerperal Fever, 1. The cost of notification was only £7 12s. 6d., compared with £13 15s. 0d. in the previous year.

ISOLATION.

41. Never of late years has it been necessary to use the Isolation Hospital so little as during 1905. Only nineteen cases were removed there, compared with 48, 31 and 44 in the three previous years. The bulk of the cases were removed from Boldmere Ward, namely seven, while three were removed from each of the other wards, with the exception of Walmley.

42. I need hardly add that great consideration has been given to the necessity of isolating all cases, and in no instance have I directed a case to be removed to the Hospital unless I considered that such removal was to the advantage of the public health of the Borough.

43. Every house where infectious disease has been notified, has been disinfected, and it can be seen by an examination of the tabular form in the appendix that altogether 66 houses and 3 schools have been disinfected. In every case, also, all clothing and other similar articles have been disinfected at the Disinfecting Station.

SCHOOLS.

44. As before noted, I have only thought it desirable to recommend the closure of two elementary schools during the year, and both of these were Infant schools, namely Maney and Town Infants' School. In connection with this matter of Schools, while I am always unwilling to close a school unless I am convinced that definite good will result, I think it very important that when children are suffering from sore throat, even though it be of a mild type, that they should be at once excluded from school. I am convinced that many of the cases of Diphtheria which occurred in the Borough and its neighbourhood are due to infection from unsuspected cases or mild cases of sore throat allowed to attend school, and as the result of long experience, I am quite sure that it should be a definite rule for all teachers to exclude children showing any signs even of slight sore throat.

SEWERAGE AND SEWAGE DISPOSAL.

45. I am indebted to Mr. Clarry, the Borough Surveyor, for the following particulars of work done in his department :—

Two short extensions have been made to the sewers during the year in Tamworth Road and Chester Road, a sewer in the New Road from Jockey Road to Highbridge Road, and tenders are accepted for sewerage Boswell Road. Surface Water Drains were laid in Holland Road and Lower Queen Street, and smaller lengths where required. In addition to these the two surface water drains mentioned last year and intended to remedy the flooding of land where buildings are contemplated were also laid.

Eighty-five connections have been made to the public sewers, and by this means 151 houses have been effectually drained, while 246 water closets have been put in ; 26 houses were connected to cesspools draining 30 closets.

46. I am very glad to note the completion of the surface water drains, as I am convinced that a great improvement will be effected in the health conditions of the neighbourhood. The number of water closets put in shows a slight increase compared with the previous year, and this also makes for improved sanitation.

SCAVENGING.

47. I am glad to be able to point to still further activity in Scavenging. During the year 1,944 ash-pits were emptied under the supervision of the Sanitary Inspector, and this figure shows an increase on the figure for the previous year of 317 receptacles attended to. Last year, also, there was an increase on the two preceding years.

48. There can be no doubt that at the present time Scavenging is one of the most important functions of a Sanitary Authority, and when I say Scavenging, I mean the regular emptying of filth and dust receptacles. I trust, therefore, that your Committee will bear in mind that the present system, though exhibiting great advantages compared with the conditions existing up to a few years ago, is hardly up-to-date, and should be supplemented, as circumstances allow, by a modern system, whereby all filth and dust is removed from the neighbourhood of dwellings at regular intervals, so that no collection extending for long periods, as sometimes happens now, should be allowed to remain close to houses.

49. Nineteen old-fashioned middens, many of them of the old vault type, have been converted into water-closets, and at the same time I am glad to say that the number of these receptacles in the Borough is comparatively few and most of those existing

are in positions removed from dwellings, or a long distance from available sewers. As, however, the system of sewerage is extended, and the requirements demand it, these will be gradually converted into modern sanitary water-closets.

50. I consider, also, that the time has arrived when all so-called "water" closets should be made water closets in fact. I mean that a proper supply of flushing water, with independent cistern, should be supplied to each closet. My experience of these "waterless water closets" is that they are constantly productive of nuisance, frequently becoming stopped up: are always in use more or less dirty, and therefore insanitary; besides the deficiency of flushing from which they suffer tends also to an uncleanly condition of the excrement pipe or drain, and from this point of view again, I consider it important that steps should be taken to prevent the continued existence of what I consider to be a serious nuisance.

WATER SUPPLY.

51. I have analysed nine samples of water during the year, namely one of tap water taken every alternate month of the year by the Inspector from the different wards of the Borough, and three samples of well water. The results are shown in tabular form in the Appendix. These show that the Tap Water has maintained its usual good quality, and the Town is to be congratulated on having generally a very excellent supply of water.

52. Of the three samples of Well Water analysed, one showed large pollution, and was undoubtedly unfit for use. The other two samples, of which there was suspicion, showed but comparatively small pollution, not sufficient for them to be condemned as unfit for drinking purposes.

OVERCROWDING.

53. One case of Overcrowding came to the notice of the Inspector, at Mere Green. The matter was of importance in one respect because it occurred at the house of a registered midwife, but on representation this was quickly abated.

SLAUGHTER HOUSES.

54. The eight slaughter houses in the Borough have been visited by the Inspector at frequent intervals, and he reports that they have been maintained, on the whole, in a good and sanitary state, and that the various receptacles for offal, etc., and the drains, have been kept in good order.

OFFENSIVE TRADES.

55. The only offensive trade carried on in the Borough is on a very small scale, namely that of a tripe boiler. No complaints have been made as to nuisance arising from it, and the Inspector has several times during the year made visits to it, and reports that it is conducted in a very satisfactory manner.

DAIRIES AND COWSHEDS.

56. The Inspector reports that he has made 42 visits to cowsheds, and 12 to dairies and milkshops, and that they have been kept on the whole in a satisfactory condition. I regret that nothing has been done during the year to alter the condition to which I referred in my last Report, namely the overcrowding of many of the cowsheds, by the owners keeping a larger number of cows in them than will give a sufficient cubic space per head.

ADULTERATION OF FOOD.

57. As in the last few years, the work under the Sale of Food and Drugs Acts has been carried out by the Inspectors acting under the County Council, and no samples have been taken by the Inspector of Nuisances, nor have any been sent by private purchasers. I am of opinion that the requirements of the Borough in this respect have been adequately met.

NEW STREETS AND BUILDINGS.

58 Mr. Clarry, the Borough Surveyor, has given me the following particulars :—

During the year plans were approved for the erection of 278 Buildings including 27 Shops, 13 Stables and Coach-houses, 1 Hotel, 1 Temporary Church, and 35 Alterations, Additions, &c., making a total number of plans approved 332, being 139 more than last year. The number of houses passed on completion and certified as fit for habitation was 203, being slightly in excess of last year. A plan for one new street was also approved.

59. I noted last year that there had been a lull in the somewhat rapid development of the Borough, and it is very satisfactory, from every point of view, to see that a very much larger number of houses has been erected.

VACCINATION.

60. The Table referring to the number of children born, and successfully vaccinated appears in the Appendix, and differs from every other Table by being for a period of twelve months ending June 30th, 1905. As I have explained before, the reason of this is that we may be enabled to see what happens when the children have attained the necessary age for Vaccination.

61. The Return is highly satisfactory, and reflects great credit on the Vaccination Officer. I regret, however, to note that seven certificates of conscientious objection to Vaccination were obtained. This is a trifle higher than last year when five were obtained. As long as the Borough remains as it is at present, a well vaccinated one, the immunity from Smallpox, which has been a characteristic of it for the last quarter of a century, will undoubtedly be maintained.

FACTORIES AND WORKSHOPS ACT.

62. In the Appendix will be found two tables referring to this subject, one I originally adopted, and one now issued by the Secretary of State for the Home Department. The Table shows that there has been an increase in the number of Workshops in the Borough from 57 to 69, the number of Factories remaining the same, and I am glad to add that the Inspector is able to report that, speaking generally, the places have not only been kept in a sanitary condition, but that the requirements, as regards water closets, etc., and ventilation of premises, properly carried out.

63. We have no outworkers in the Borough, and neither have we any under-ground bakehouses.

METEOROLOGY.

64. I am again indebted to Mr. Clarry, the Borough Surveyor, for sending me his return of the Meteorological Observations taken during the year at the Park Lodge and the Council House respectively. The first fact striking one is how very closely in many respects the meteorological conditions of 1905 were like those of 1904. Beginning with the Rainfall, this was almost identical, the quantity being 21·64, compared with 21·41 in the previous year. The temperature was a trifle higher, namely 47·8, as compared with 47·4 in 1904. But although this is so, on the mean for the whole year, we find great differences if we examine the months in detail. Taking the spring months, we find that both April and May were colder than in the previous year, while June was considerably warmer, the summer months remaining about the same average temperature.

65. When we come to look at the record of Sunshine, we find that 1905 shows a deficiency compared with 1904, the figures being 1,366 hours, compared with 1,429, so that 1905 was not so sunny a year as its immediate predecessor.

66. From the public health point of view, there can be no doubt that 1905 was a healthy year. There was no great heat in the early autumn, productive of Diarrhoeal disease, while the absence of any great cold prevented a serious and undue mortality among the aged and those less able to resist it.

GENERAL SANITARY WORK.

67. In the Appendix will be found the usual series of Tables showing the incidence of disease in the various wards of the Borough, while the Inspector's table gives in tabular form the work that has been accomplished in his Department.

68. Although the Borough is increasing very rapidly in population and covers a wide area, I am of opinion that up to the present time, with the health conditions existing, that the

Inspector is able to cope efficiently with his duties, but if the increase noted of late years is to continue, the time must arrive shortly when assistance must be given to him in order that an efficient and diligent inspection may be regularly maintained.

CONCLUSION.

69. It becomes more difficult, year by year, to say anything fresh as to the Health Statistics of a Borough, which like ours stands so high among many similar places. Our record, I am pleased to say, is one of continually improving sanitary condition, and it is only proper that I should point out that though our Zymotic Death Rate is not the lowest ever recorded, due almost entirely to an outbreak of Whooping Cough among infants, which we are unable to control, yet that our Death Rate is a record one, our Infant Mortality rate is the lowest recorded, and that the Borough has been free from mortality from Scarlet Fever, and practically free from Typhoid Fever.

70. Such conditions must speak for themselves, and while they are legitimate causes for congratulation, it must be remembered that they bring with them a responsibility, namely the responsibility of not only maintaining the condition to which the Borough has reached, but by wise expenditure and judicious effort to meet those altering conditions gradually being produced by the increase of population, and the consequent comparative crowding of population on the central areas.

71. I wish again, Mr. Chairman, to express my thanks to you and to the Committee, and also to my brother officers, for the constant courtesy, consideration and help I have received in the carrying out of the sanitary work of the Borough.

I remain,

Your obedient servant,

A. BOSTOCK HILL, M.Sc., M.D., D.P.H., Camb.,
Medical Officer of Health.

TABLE I.
SUTTON COLDFIELD URBAN DISTRICT.
Vital Statistics of Whole District during 1905 and Previous Years.

YEAR.	Population estimated to Middle of each Year.	BIRTHS.		TOTAL DEATHS REGISTERED IN THE DISTRICT.				TOTAL DEATHS IN PUBLIC INSTITU- TIONS IN THE DISTRICT.	Deaths of Non- residents registered in the District.	Deaths of Residents registered in Public Institu- tions beyond District.	NETT DEATHS AT ALL AGES BELONGING TO THE DISTRICT.	
				Under 1 Year of Age.		At all Ages.						
		Number.	Rate*	Number.	Rate per 1,000 Births registered.	Number.	Rate*				Number.	Rate*
1	2	3	4	5	6	7	8	9	10	11	12	13
1895	10,500	209	19·90	24	114	114	10·85	1	1	3	116	11·04
1896	10,800	211	19·53	24	123	141	13·05	1	—	8	149	13·79
1897	11,641	223	19·15	22	103	126	10·82	1	—	9	135	11·59
1898	12,619	219	17·35	20	91	146	11·56	—	1	2	147	11·64
1899	13,800	310	22·46	30	96	168	12·17	—	6	5	167	12·10
1900	14,517	322	22·18	30	93	168	11·57	—	5	5	168	11·57
1901	14,400	340	23·61	33	97	170	11·80	1	7	8	171	11·87
1902	15,635	383	24·02	40	103	185	11·60	9	5	8	188	11·79
1903	16,619	364	21·90	37	101	191	11·48	1	3	11	199	11·97
1904	17,521	360	20·54	49	136	174	9·93	2	2	17	183	10·44
Averages for years 1895-1904 }	13,805	294	21·06	30	105	158	11·48	2	3	8	162	11·78
1905	18,491	368	19·90	27	73	153	8·27	1	4	21	170	9·19

* Rates calculated per 1,000 of estimated population.

Area of District in acres
(exclusive of area
covered by water) } 13,030

Total population at all ages, 14,264
Number of inhabited houses, 3,073
Average number of persons per house, 4·64 } At Census of 1901.

I. Institutions within the District receiving sick and infirm persons from outside the District.	II. Institutions outside the District receiving sick and infirm persons from the District.	III. Other Institutions, the deaths in which have been distributed among the several localities in the District.
NIL.	Aston Union Workhouse, situate at Erdington. Aston Manor Joint Infectious Hospital, situate partly in Perry Barr and Erdington Urban Districts.	The Princess Alice Orphanage, situate at New Oscott in the Boldmere Ward. Birmingham Hospitals.

TABLE II.
Vital Statistics of Separate Localities in 1905 and previous years.

SUTTON COLDFIELD URBAN DISTRICT.

NAMES OF LOCALITIES.	1. BOLDMERE WARD.				2. HILL WARD.				3. MANEY WARD.				4. TRINITY WARD.				5. WALMLEY WARD.				6. WYLDE GREEN WARD.				7. PUBLIC INSTITUTIONS.			
YEAR.	Population esti- mated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.
	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>
1895	1,867	41	18	5	1,940	35	19	3	2,300	65	31	8	2,060	22	23	2	1,036	12	11	3	1,357	14	14	3	—	—	1	—
1896	1,977	37	30	1	1,970	34	19	5	2,360	58	36	8	2,060	31	36	7	1,066	24	16	1	1,367	27	12	2	—	—	1	—
1897	2,313	42	30	5	2,055	42	24	5	2,509	60	25	2	2,227	32	29	6	1,108	20	15	2	1,429	27	12	2	—	—	1	—
1898	2,782	57	25	7	2,160	33	30	2	2,644	51	31	6	2,289	32	26	2	1,157	24	16	2	1,587	22	19	1	—	—	—	—
1899	3,158	70	31	8	2,283	51	18	3	2,981	81	40	10	2,441	36	43	6	1,251	35	15	2	1,686	37	20	1	—	—	—	—
1900	3,418	96	41	13	2,238	46	21	4	3,088	79	29	8	2,533	36	29	2	1,343	30	18	2	1,897	35	30	4	—	—	—	—
1901	3,325	81	43	10	2,042	57	25	1	3,331	55	37	8	2,608	42	27	7	1,346	27	13	1	1,848	43	26	6	—	5	1	—
1902	3,831	99	40	12	2,399	65	29	7	3,457	87	45	9	2,677	45	28	2	1,253	36	15	3	2,018	51	31	6	—	—	9	—
1903	4,068	89	44	10	2,594	59	40	9	3,591	98	46	11	2,977	45	36	4	1,276	28	12	—	2,098	45	21	3	—	—	12	1
1904	4,261	77	38	11	2,789	78	38	11	3,772	80	48	14	3,154	49	29	6	1,291	31	7	2	2,255	45	23	5	—	—	—	—
Averages of Years 1895 to 1904	3,190	68	34	8	2,247	50	26	5	3,003	71	36	8	2,502	37	30	4	1,212	26	13	2	1,754	34	20	3	—	1	2	—
1905	4,460	76	36	4	2,955	66	23	3	3,958	93	49	10	3,392	58	33	6	1,336	29	8	1	2,390	46	21	3	—	—	1	—

TABLE III.
SUTTON COLDFIELD URBAN DISTRICT.

Cases of Infectious Disease notified during the Year 1905.

NOTIFIABLE DISEASE	CASES NOTIFIED IN WHOLE DISTRICT.						TOTAL CASES NOTIFIED IN EACH LOCALITY.							No. of CASES REMOVED TO HOSPITAL FROM EACH LOCALITY.							
	At Ages—Years.						1	2	3	4	5	6	7	1	2	3	4	5	6	7	
	Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards.															
Small-pox ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cholera ...	—	1	4	—	3	—	2	—	4	1	—	1	—	—	—	—	—	—	—	—	—
Diphtheria ...	—	—	—	—	6	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Membranous croup	2	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas...	1	14	18	6	1	—	4	4	5	6	1	6	—	7	3	3	—	—	3	—	—
Scarlet fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Typhus fever	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Enteric fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Relapsing fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Continued fever	—	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Plague ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTALS...	61	15	23	7	11	2	25	9	9	7	2	9	—	7	3	3	3	—	3	—	—

Isolation Hospital—Aston Manor Joint Hospital, partly in Perry Barr and Erdington Urban Districts.

TABLE IV.—SUTTON COLDFIELD URBAN DISTRICT.

Causes of, and	Ages at, Death	during	Year	1905.
<p> 1. <i>Smallpox</i> 2. <i>Scarlet fever</i> 3. <i>Diphtheria</i> 4. <i>Whooping cough</i> 5. <i>Measles</i> 6. <i>Polio</i> 7. <i>Typhoid</i> 8. <i>Typhus</i> 9. <i>Cholera</i> 10. <i>Hepatitis</i> 11. <i>Leptospirosis</i> 12. <i>Brucella</i> 13. <i>Salmonella</i> 14. <i>Shigella</i> 15. <i>Cryptosporidium</i> 16. <i>Cyclospora</i> 17. <i>Giardia</i> 18. <i>Isospora</i> 19. <i>Cryptococcus</i> 20. <i>Coccidioides</i> 21. <i>Histoplasma</i> 22. <i>Blastomycosis</i> 23. <i>Coccidioidomycosis</i> 24. <i>Cryptosporidiosis</i> 25. <i>Cyclosporiasis</i> 26. <i>Giardiasis</i> 27. <i>Isosporiasis</i> 28. <i>Cryptococcosis</i> 29. <i>Coccidioidomycosis</i> 30. <i>Histoplasmosis</i> 31. <i>Blastomycosis</i> 32. <i>Coccidioidomycosis</i> 33. <i>Cryptosporidiosis</i> 34. <i>Cyclosporiasis</i> 35. <i>Giardiasis</i> 36. <i>Isosporiasis</i> 37. <i>Cryptococcosis</i> 38. <i>Coccidioidomycosis</i> 39. <i>Histoplasmosis</i> 40. <i>Blastomycosis</i> 41. <i>Coccidioidomycosis</i> 42. <i>Cryptosporidiosis</i> 43. <i>Cyclosporiasis</i> 44. <i>Giardiasis</i> 45. <i>Isosporiasis</i> 46. <i>Cryptococcosis</i> 47. <i>Coccidioidomycosis</i> 48. <i>Histoplasmosis</i> 49. <i>Blastomycosis</i> 50. <i>Coccidioidomycosis</i> 51. <i>Cryptosporidiosis</i> 52. <i>Cyclosporiasis</i> 53. <i>Giardiasis</i> 54. <i>Isosporiasis</i> 55. <i>Cryptococcosis</i> 56. <i>Coccidioidomycosis</i> 57. <i>Histoplasmosis</i> 58. <i>Blastomycosis</i> 59. <i>Coccidioidomycosis</i> 60. <i>Cryptosporidiosis</i> 61. <i>Cyclosporiasis</i> 62. <i>Giardiasis</i> 63. <i>Isosporiasis</i> 64. <i>Cryptococcosis</i> 65. <i>Coccidioidomycosis</i> 66. <i>Histoplasmosis</i> 67. <i>Blastomycosis</i> 68. <i>Coccidioidomycosis</i> 69. <i>Cryptosporidiosis</i> 70. <i>Cyclosporiasis</i> 71. <i>Giardiasis</i> 72. <i>Isosporiasis</i> 73. <i>Cryptococcosis</i> 74. <i>Coccidioidomycosis</i> 75. <i>Histoplasmosis</i> 76. <i>Blastomycosis</i> 77. <i>Coccidioidomycosis</i> 78. <i>Cryptosporidiosis</i> 79. <i>Cyclosporiasis</i> 80. <i>Giardiasis</i> 81. <i>Isosporiasis</i> 82. <i>Cryptococcosis</i> 83. <i>Coccidioidomycosis</i> 84. <i>Histoplasmosis</i> 85. <i>Blastomycosis</i> 86. <i>Coccidioidomycosis</i> 87. <i>Cryptosporidiosis</i> 88. <i>Cyclosporiasis</i> 89. <i>Giardiasis</i> 90. <i>Isosporiasis</i> 91. <i>Cryptococcosis</i> 92. <i>Coccidioidomycosis</i> 93. <i>Histoplasmosis</i> 94. <i>Blastomycosis</i> 95. <i>Coccidioidomycosis</i> 96. <i>Cryptosporidiosis</i> 97. <i>Cyclosporiasis</i> 98. <i>Giardiasis</i> 99. <i>Isosporiasis</i> 100. <i>Cryptococcosis</i> 101. <i>Coccidioidomycosis</i> 102. <i>Histoplasmosis</i> 103. <i>Blastomycosis</i> 104. <i>Coccidioidomycosis</i> 105. <i>Cryptosporidiosis</i> 106. <i>Cyclosporiasis</i> 107. <i>Giardiasis</i> 108. <i>Isosporiasis</i> 109. <i>Cryptococcosis</i> 110. <i>Coccidioidomycosis</i> 111. <i>Histoplasmosis</i> 112. <i>Blastomycosis</i> 113. <i>Coccidioidomycosis</i> 114. <i>Cryptosporidiosis</i> 115. <i>Cyclosporiasis</i> 116. <i>Giardiasis</i> 117. <i>Isosporiasis</i> 118. <i>Cryptococcosis</i> 119. <i>Coccidioidomycosis</i> 120. <i>Histoplasmosis</i> 121. <i>Blastomycosis</i> 122. <i>Coccidioidomycosis</i> 123. <i>Cryptosporidiosis</i> 124. <i>Cyclosporiasis</i> 125. <i>Giardiasis</i> 126. <i>Isosporiasis</i> 127. <i>Cryptococcosis</i> 128. <i>Coccidioidomycosis</i> 129. <i>Histoplasmosis</i> 130. <i>Blastomycosis</i> 131. <i>Coccidioidomycosis</i> 132. <i>Cryptosporidiosis</i> 133. <i>Cyclosporiasis</i> 134. <i>Giardiasis</i> 135. <i>Isosporiasis</i> 136. <i>Cryptococcosis</i> 137. <i>Coccidioidomycosis</i> 138. <i>Histoplasmosis</i> 139. <i>Blastomycosis</i> 140. <i>Coccidioidomycosis</i> 141. <i>Cryptosporidiosis</i> 142. <i>Cyclosporiasis</i> 143. <i>Giardiasis</i> 144. <i>Isosporiasis</i> 145. <i>Cryptococcosis</i> 146. <i>Coccidioidomycosis</i> 147. <i>Histoplasmosis</i> 148. <i>Blastomycosis</i> 149. <i>Coccidioidomycosis</i> 150. <i>Cryptosporidiosis</i> 151. <i>Cyclosporiasis</i> 152. <i>Giardiasis</i> 153. <i>Isosporiasis</i> 154. <i>Cryptococcosis</i> 155. <i>Coccidioidomycosis</i> 156. <i>Histoplasmosis</i> 157. <i>Blastomycosis</i> 158. <i>Coccidioidomycosis</i> 159. <i>Cryptosporidiosis</i> 160. <i>Cyclosporiasis</i> 161. <i>Giardiasis</i> 162. <i>Isosporiasis</i> 163. <i>Cryptococcosis</i> 164. <i>Coccidioidomycosis</i> 165. <i>Histoplasmosis</i> 166. <i>Blastomycosis</i> 167. <i>Coccidioidomycosis</i> 168. <i>Cryptosporidiosis</i> 169. <i>Cyclosporiasis</i> 170. <i>Giardiasis</i> 171. <i>Isosporiasis</i> 172. <i>Cryptococcosis</i> 173. <i>Coccidioidomycosis</i> 174. <i>Histoplasmosis</i> 175. <i>Blastomycosis</i> 176. <i>Coccidioidomycosis</i> 177. <i>Cryptosporidiosis</i> 178. <i>Cyclosporiasis</i> 179. <i>Giardiasis</i> 180. <i>Isosporiasis</i> 181. <i>Cryptococcosis</i> 182. <i>Coccidioidomycosis</i> 183. <i>Histoplasmosis</i> 184. <i>Blastomycosis</i> 185. <i>Coccidioidomycosis</i> 186. <i>Cryptosporidiosis</i> 187. <i>Cyclosporiasis</i> 188. <i>Giardiasis</i> 189. <i>Isosporiasis</i> 190. <i>Cryptococcosis</i> 191. <i>Coccidioidomycosis</i> 192. <i>Histoplasmosis</i> 193. <i>Blastomycosis</i> 194. <i>Coccidioidomycosis</i> 195. <i>Cryptosporidiosis</i> 196. <i>Cyclosporiasis</i> 197. <i>Giardiasis</i> 198. <i>Isosporiasis</i> 199. <i>Cryptococcosis</i> 200. <i>Coccidioidomycosis</i> 201. <i>Histoplasmosis</i> 202. <i>Blastomycosis</i> 203. <i>Coccidioidomycosis</i> 204. <i>Cryptosporidiosis</i> 205. <i>Cyclosporiasis</i> 206. <i>Giardiasis</i> 207. <i>Isosporiasis</i> 208. <i>Cryptococcosis</i> 209. <i>Coccidioidomycosis</i> 210. <i>Histoplasmosis</i> 211. <i>Blastomycosis</i> 212. <i>Coccidioidomycosis</i> 213. <i>Cryptosporidiosis</i> 214. <i>Cyclosporiasis</i> 215. <i>Giardiasis</i> 216. <i>Isosporiasis</i> 217. <i>Cryptococcosis</i> 218. <i>Coccidioidomycosis</i> 219. <i>Histoplasmosis</i> 220. <i>Blastomycosis</i> 221. <i>Coccidioidomycosis</i> 222. <i>Cryptosporidiosis</i> 223. <i>Cyclosporiasis</i> 224. <i>Giardiasis</i> 225. <i>Isosporiasis</i> 226. <i>Cryptococcosis</i> 227. <i>Coccidioidomycosis</i> 228. <i>Histoplas</i></p>				

CAUSES OF DEATH.	DEATHS AT THE SUBJOINED AGES OF "RESIDENTS" WHETHER OCCURRING IN OR BEYOND THE DISTRICT.							DEATHS AT ALL AGES OF "RESIDENTS" BELONGING TO LOCALITIES, WHETHER OCCURRING IN OR BEYOND THE DISTRICT.					TOTAL DEATHS WHETHER OF RESIDENTS OR NON-RESIDENTS IN PUBLIC INSTITUTIONS IN THE DISTRICT.	
	All Ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	Baldmore Ward.	Hill Ward.	Maney Ward.	Trinity Ward.	Walmley Ward.	Wyde Green.	15.
1	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	
Small-pox ...	—	—	—	1	—	—	—	—	1	—	—	—	—	—
Measles ...	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Scarlet fever ...	6	5	1	—	—	—	—	1	—	2	3	—	—	—
Whooping-cough ...	2	—	—	2	—	—	—	—	—	2	—	—	—	—
Diphtheria and membranous croup ...	1	—	1	—	—	—	—	—	—	—	1	—	—	—
Croup ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Typhus ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Enteric ...	1	—	—	—	1	—	—	1	—	—	—	—	—	—
Other continued ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Epidemic influenza ...	4	—	—	—	—	3	1	1	—	3	—	—	—	—
Cholera ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Plague ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diarrhoea ...	2	2	—	—	—	—	—	—	—	1	—	—	1	—
Enteritis ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal fever ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas ...	1	—	—	—	—	—	1	—	1	—	—	—	—	—
Other septic diseases ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Phthisis (Pulmonary Tuberculosis) ...	11	—	—	—	1	10	—	3	3	3	1	—	1	—
Other tubercular diseases ...	3	1	1	1	—	7	5	3	—	2	2	—	3	—
Cancer, malignant disease ...	12	—	—	—	—	—	8	2	5	4	—	1	—	—
Bronchitis ...	12	—	2	1	—	1	1	2	—	3	—	—	1	—
Pneumonia... ..	6	3	—	—	—	2	1	2	1	2	1	—	—	—
Pleurisy ...	2	—	—	—	—	1	1	—	1	—	—	—	—	—
Other diseases of Respiratory organs ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Alcoholism—Cirrhosis of liver ...	2	—	—	—	—	1	1	—	—	1	—	—	1	—
Venereal diseases ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Premature birth ...	4	4	—	—	—	—	—	—	—	4	—	—	—	—
Diseases and accidents of parturition ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Heart diseases ...	16	—	—	—	—	7	9	5	2	2	3	1	1	—
Accidents ..	5	—	1	—	—	3	1	1	1	1	2	—	—	—
Suicides ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—
All other causes ..	79	12	3	3	3	18	40	17	8	19	18	6	11	1

TABLE V.—BOROUGH OF SUTTON COLDFIELD.

INFANTILE MORTALITY DURING THE YEAR 1905.
Deaths from stated causes in Weeks and Months under One Year of Age.

CAUSE OF DEATH.		Under 1 Week	1—2 Weeks	2—3 Weeks	3—4 Weeks	Total under 1 Month.	1—2 Months	2—3 Months	3—4 Months	4—5 Months	5—6 Months	6—7 Months	7—8 Months	8—9 Months	9—10 Months	10—11 Months	11—12 Months	Total Deaths under One Year.
All Causes.	Certified ..	6	1	1		8	4	1	3	1		2	1	4			2	26
	Uncertified ..	1				1												1
Common Infectious Diseases	Small-pox ..																	
	Chicken-pox ..																	
	Measles ..																	
	Scarlet Fever ..																	
	Diphtheria: Croup ..																	5
Diarrhoeal Diseases	Whooping Cough ..						1		1					1				2
	Diarrhoea, all forms ..													1				
	Enteritis ..																	
	(not Tuberculous)																	
	Gastritis, Gastro-intestinal Catarrh ..								1									1
Wasting Diseases	Premature Birth ..																	
	Congenital Defects ..																	4
	Injury at Birth ..																	
	Want of Breast Milk ..																	
	Atrophy, Debility ..																	
Tuberculous Diseases	Marasmus ..																	
	Tuberculous Meningitis ..																	1
	Tuberculous Peritonitis: ..																	
	Tabes Mesenterica ..																	2
	Other Tuberculous Diseases ..																	
	Erysipelas ..																	
	Syphilis ..																	
	Rickets ..																	
	Meningitis ..																	
	(not Tuberculous)																	
	Convulsions ..	2																
	Bronchitis ..																	
	Laryngitis ..																	
	Pneumonia ..																	
	Suffocation, Overlying ..																	
Other Causes..		1				1	2		1					1			1	3
		1				1												1
		7	1	1		9	4	1	3	1		2	1	4			2	27

Births in the year { Legitimate 360 Deaths from all Causes at all Ages, 170 Population, estimated to middle of 1905 18,491.

TABLE VI.

WATER: RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

No. of Water.	Locality.	Date.	Total Solid Matter.	Free. Ammonia	Organic. Ammonia	Nitrogen as Nitrates and Nitrites.	Chlorine.	Oxygen Absorbed in four hours.	Remarks.
	SAMPLES OF PUBLIC SUPPLY.		1905.						
1	Trinity Ward	... Jan. 12	28	0.001	0.008	trace	1.7	0.022	High Street
4	Boldmere "	... Mch. 6	26	0.001	0.008	trace	1.6	0.018	Boldmere Road
5	Maney "	... May 9	28	0	0.004	trace	1.8	0.020	Parade
6	Hill "	... July 17	26	0.001	0.004	trace	1.8	0.030	Little Sutton
7	Walmley "	... Sept. 5	24	0.001	0.003	0.05	1.7	0.024	Cottages near Fox Inn
9	Wylde Green "	... Nov. 17	26	0.001	0.005	trace	1.8	0.010	Highbridge Road
	SAMPLES OF WELL WATER.								
2	Peddimore Hall (well water)...	... Jan. 23	120	0.024	0.012	2.53	15.6	...	...
3	Wheatmore Farm (well water) ...	... Jan 23	40	0.001	0.002	0.99	5.6	...	...
8	Roughley Common (well at Turf Pits) ...	... Sept. 5	38	0.001	0.004	0.88	2.3	...	...

TABLE VII.

Summary of Sanitary Work done in the Inspector of Nuisances
Department during the year 1905.

DESCRIPTION OF WORK PERFORMED.				Inspections and Observations made.	Formal Notices by Authority.	Nuisances Abated after Notice.
Dwelling Houses and Schools	{	Foul Conditions ...	...	105	35	32
		Structural Defects	...	30	22	19
		Overcrowding ...	...	2	1	1
		Unfit for Habitation	...	...	...	...
		Lodging Houses ...	...	...	...	...
		Dairies and Milkshops	...	12	...	...
		Cow Sheds	...	42	...	...
		Bakehouses	...	60	...	...
		Slaughter-houses...	...	168	...	...
		Canal Boats	...	...	...	...
House Drainage	{	Ashpits and Privies	...	955	52	52
		Deposits of Refuse and Manure	...	9	3	3
		Water-Closets	...	86	15	15
	{	Defective Traps	...	20	10	10
		No Disconnection	...	3	1	1
		Other Faults	...	84	33	30
		Water Supply	...	9	3	3
		Pig-sties	...	6	2	2
		Animals improperly kept	...	6	3	3
		Offensive Trades...	...	2	...	...
		Smoke Nuisances	...	...	...	...
		Other Nuisances...	...	32	10	8
Totals				1631	190	179

TABLE VII.—Continued.

DESCRIPTION OF WORK PERFORMED.					Nos.
Seizures of unwholesome Food	...	...	...	...	...
Samples of Food taken for Analysis	...	...	...	...	...
„ „ found Adulterated	...	...	...	...	...
„ of Water taken for Analysis	...	...	...	...	9
„ „ condemned as unfit for use	...	...	...	...	1
NOTE.—Where an inspection or notice embraces more than one defect, it may be enumerated separately as regards each such defect.					
PRECAUTIONS AGAINST INFECTIOUS DISEASE.					
Lots of Infected Bedding Stoved or Destroyed	...	...	...	...	66
Houses Disinfected after Infectious Disease	...	...	...	...	66
Schools „ „ „ „	...	...	...	...	3
Prosecutions for not Notifying Existence of Infectious Disease	...	...	...	...	...
Convictions „ „ „ „	...	...	...	...	...
Prosecutions for Exposure of Infected Persons or Things	...	...	...	...	...
Convictions „ „ „ „	...	...	...	...	...

FREDK. MERRIFIELD,
Inspector of Nuisances.

TABLE VIII.

SUTTON COLDFIELD SANITARY AUTHORITY.

Return, showing the number of Births Registered, together with the number of such cases successfully

Vaccinated or otherwise disposed of in the above District during the year ending 30th June, 1905.

Vaccination Districts.	No. of Births Registered during the year ending 30th June, 1905	No. of these cases successfully Vaccinated.	Insusceptible of Vaccination.	Died before Vaccination.	Cases under Post-ponement.	Removals to other Districts out of the Union.	No. of Cases not to be found.	No. of Cases remaining Unvaccinated at date of this return.	Conscientious Objection Certificates
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Sutton Coldfield Borough (for Year ending 30th June, 1905)	356	313	1	22	4	1	4	4	7

ERNEST HATELEY,

Vaccination Officer,

January, 1906.

ERDINGTON.

TABLE IX.

SHewing STREETS IN THE BOROUGH IN WHICH CASES OF INFECTIOUS
DISEASES HAVE BEEN NOTIFIED.

WARD AND STREET.	Small Pox.	Scarlet Fever.	Diphtheria.	Typhoid Fever.	Erysipelas.	Croup.	Puerperal Fever.
BOLDMERE—							
Gate Lane ...	—	2	—	—	—	—	—
Highbridge Road ...	—	3	—	—	—	—	—
Station Road	—	—	—	—	1	—	—
Boldmere Road ...	—	2	—	—	1	—	—
Western Road ...	—	2	—	—	—	—	—
Driffold Road ...	—	—	—	—	1	—	—
Jockey Road ...	—	3	2	—	1	—	—
Church Road ...	—	2	—	—	—	—	—
Somerville Road ...	—	1	—	—	—	—	—
Chester Road ...	—	3	—	—	—	—	—
Gravelly Lane ...	—	—	—	1	—	—	—
HILL—							
Mere Green ...	—	2	—	—	1	—	—
Colletts Brook ...	—	1	—	—	—	—	—
Streetly Lane	—	—	—	—	2	—	—
Walsall Road ...	—	—	—	—	1	—	—
Lichfield Road ...	—	1	—	—	—	—	—
Church Lane ...	—	—	—	—	—	—	1
MANEY—							
While Road ...	—	1	—	—	—	—	—
Manor Road	—	1	—	—	—	—	—
Coles Lane ...	—	1	—	—	—	—	—
Driffold Lane	—	1	—	—	—	—	—
Manor Hill ...	—	—	3	—	—	—	—
Avenue Road	—	—	1	—	—	—	—
Elm Road ...	—	1	—	—	—	—	—

TABLE IX.—Continued.

WARD AND STREET.	Small Pox.	Scarlet Fever.	Diphtheria.	Typhoid Fever.	Erysipelas.	Croup.	Puerperal Fever.
TRINITY—							
Bracebridge Road ...	—	1	—	—	—	—	—
High Street ...	—	1	—	—	—	—	—
Walsall Road ...	—	1	—	—	—	—	—
Park Road ...	—	1	—	—	—	—	—
Tudor Hill ...	—	2	—	—	—	—	—
Riland Road ..	—	—	1	—	—	—	—
WALMLEY—							
White House Common	—	1	—	—	—	—	—
Reddicap Heath ...	—	—	—	—	1	—	—
WYLDE GREEN—							
Chester Road ...	—	1	—	—	—	—	—
Penns Lane ...	—	1	—	—	—	—	—
Birmingham Road ..	—	4	—	—	1	—	—
Green Lanes ...	—	—	1	1	—	—	—
TOTALS	—	40	8	2	10	—	1



TABLE X.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE PARK LODGE AND COUNCIL HOUSE, SUTTON COLDFIELD,
DURING THE YEAR ENDING 31ST DECEMBER, 1905, BY THE PARK FORESTER (MR. H. HARLOND).

Lat.: 52 deg. 33 mi. 22 sec., N.

Long.: 1 deg. 49 mi. 42 sec., W.

Height of Rain Gauge above Sea Level, 370·5 feet.

MONTH.	RAINFALL.				BAROMETER.				THERMOMETERS.										SUNSHINE.		MONTH.
	Total Depth in inches.	Number of days on which Rain fell.	Greatest fall in 24 hours.		Highest Corrected Readings.		Lowest Corrected Readings.		IN SHADE.			Highest Readings in Sun.	Lowest Readings on Grass.		Hours.	Mins.					
			Depth.	Date.	Inches.	Date.	Inches.	Date.	Highest Readings.	Lowest Readings.	Mean Temperature for the Month.										
													Degrees.	Date.			Degrees.	Date.	Degrees.	Degrees.		Date.	Degrees.	Date.
January .	0·990	11	·290	8th	30·910	29th	29·174	17th	52·8	7th	12·4	19th	35·9	78·0	29th	10·8	20th	58	1	January	
February.....	0·600	13	·150	19th	30·560	12th	29·060	27th	54·5	6th	27·0	20th	40·5	92·4	28th	24·0	22nd	58	17	February	
March.....	2·970	21	·530	28th	30·086	8th	28·883	15th	59·5	23rd	25·5	3rd	43·4	105·5	24th	22·3	3rd	128	15	March	
April ...	1·880	21	·230	6th	30·274	1st	29·372	30th	58·6	16th	23·6	8th	43·8	110·7	16th	21·0	8th	87	40	April	
May.....	0·330	7	·170	1st	30·464	9th	29·295	1st	74·0	29th	25·5	23rd	50·5	126·0	29th	23·0	23rd	185	10	May	
June ..	3·290	16	1·050	30th	30·488	23rd	29·784	29th	80·6	23rd	39·0	5th	59·0	131·4	23rd	31·8	5th	181	44	June	
July.....	1·590	8	·820	26th	30·345	4th	29·760	1st	83·0	15th	41·0	7th	62·6	135·8	15th	33·0	7th	243	30	July	
August.....	4·770	21	·950	3rd	30·360	31st	29·432	4th	73·0	15th	40·0	17th	58·5	125·0	11th	30·5	1st	154	25	August	
September ..	0·900	10	·230	9th	30·373	15th	29·560	7th	72·5	5th	33·0	27th	53·4	122·0	4th	29·2	15th	113	40	September	
October.....	1·250	15	·200	30th	30·542	11th	29·210	31st	56·8	10th	24·3	22nd	48·3	98·1	1st	19·5	22nd	98	5	October	
November....	2·410	18	·580	10th	30·154	21st	29·110	13th	51·0	27th	20·5	20th	39·1	78·0	7th	18·5	20th	33	44	November	
December ...	0·660	11	·170	7th	30·674	12th	29·342	29th	53·2	8th	23·5	11th	38·4	78·0	8th	20·0	11th	24	7	December	
TOTALS	21·640	172							MEAN FOR THE YEAR				47·8		TOTAL				1366	38	

W. A. H. CLARRY, BOROUGH SURVEYOR.

TABLE XI.

EXTRACTS FROM REGISTER, FACTORY AND WORKSHOPS ACT, 1901.

No. in Register.	Nature of Work carried on.	Cubic Capacity.	Number of Persons permitted to be Employed.	Number of Workers Employed.	W. C.		Lighting.	Warming.	Ventilation.	Paint, Paper or Limewash.	Remarks.
					M.	F.					
1	Laundry ...	48,575	155	52	1	3	Windows and Electricity	Steam Pipes	Windows	Limewashed	Everything satisfactory
2	Generation of Electricity ...	136,400	—	3	1	—	Windows and Electricity	Boilers and Steam Pipes	Windows and Top	Glazed Bricks and Limewashed	Everything excellent
3	Mineral Waters ...	74,382	—	9	1	1	Windows and Gas	Small Boiler	Windows and Top	Limewashed	Everything new and in good order
4	Baking ...	5,787	23	2	1	—	Windows and Gas	Ovens	Windows and Top	Limewashed	Satisfactory
5	do. ...	3,420	13	3	1	—	Windows and Gas	Oven	Windows and Doors	Limewashed	Satisfactory
6	do. ...	3,160	12	2	1	—	Windows and Gas	Oven	Windows and Top	Limewashed	Satisfactory
7	do. ...	4,494	17	2	1	—	Windows and Gas	Oven	Windows and Top	Limewashed	Satisfactory
8	do. ...	1,540	6	1	1	—	Windows and Gas	Oven	Windows and Top	Limewashed	Satisfactory
9	do. ...	1,188	4	2	1	—	Windows and Gas	Oven	Windows and Top	Limewashed	Satisfactory
10	do. ...	2,700	10	4	1	—	Windows and Gas	Oven	Windows and Top	Limewashed	Satisfactory
11	do. ...	721	2	2	1	—	Windows	Oven	Windows and Top	Limewashed	Satisfactory
12	do. ...	1,381	5	2	1	—	Windows	Oven	Windows and Top	Limewashed	Satisfactory
13	do. ...	2,464	9	1	1	—	Windows	Oven	Windows and Top	Limewashed	Satisfactory
14	do. ...	864	3	1	1	—	Windows	Oven	Windows and Top	Limewashed	Satisfactory
15	do. ...	1,026	4	2	1	—	Windows and Gas	Oven	Windows and Top	Limewashed	Satisfactory
16	do. ...	1,395	5	2	1	—	Windows and Gas	Oven	Windows and Top	Limewashed	Satisfactory
17	Dressmaking ...	3,042	12	5	—	2	Windows and Gas	Fireplaces	Windows and Doors	Papered	Satisfactory
18	do. ...	1,296	5	3	—	1	Windows and Gas	Fireplace	Window and Door	Papered	Satisfactory
19	do. ...	1,564	6	4	—	1	Windows and Gas	Fireplace	Windows and Door	Papered	Satisfactory
20	Laundry ...	22,040	—	5	1	2	Windows and Gas	...	Windows	Limewashed	Satisfactory
21	Dressmaking ...	2,160	8	4	—	1	Windows and Gas	Fireplace	Windows and Door	Papered	Satisfactory
22	do. ...	2,488	9	6	—	1	Windows and Gas	Fireplaces	Windows and Doors	Papered	Satisfactory
23	do. ...	1,920	7	2	—	2	Windows and Gas	Fireplace	Window and Door	Papered	Satisfactory
24	do. ...	1,237	4	2	—	1	Window and Gas	Fireplace	Window and Door	Papered	Satisfactory
25	do. ...	1,215	4	4	—	2	Window and Lamp	Fireplace	Window and Door	Papered	Satisfactory
26	Baking ...	1,600	6	1	1	—	Window	Oven	Window and Top	Limewashed	Satisfactory
27	Cabinet Making ...	4,960	19	4	—	—	Windows	Stove	Windows and Top	Limewashed	Satisfactory
	and Upholsterers ...	5,330	20	2	1	—	Windows	Stove	Windows and Top	Limewashed	Satisfactory
28	Painter ...	1,728	6	6	—	—	Windows	...	Windows and Top	Limewashed	Satisfactory
	Glazier ...	2,124	8	4	—	—	Windows	...	Windows and Top	Limewashed	Satisfactory
	Plumber ...	1,350	5	6	1	—	Windows	Stove	Windows and Door	Limewashed	Satisfactory
	Joinery ...	4,536	17	6	—	—	Windows and Gas	Stove	Windows and Door	Limewashed	Satisfactory
29	Joinery ...	11,160	40	4	—	—	Windows and Gas	...	Windows and Door	Limewashed	Satisfactory
	Glazier ...	6,370	25	3	1	—	Windows	...	Windows	...	Satisfactory
	Painter ...	1,836	7	1	—	—	Windows	...	Windows	...	Satisfactory
	Plumber ...	1,386	5	2	—	—	Windows	Stove	Windows	...	Satisfactory
30	Plumber ...	1,300	5	2	—	—	Windows	Stove	Windows	Limewashed	Satisfactory
	Glazier ...	2,900	6	2	—	—	Windows	...	Windows	Limewashed	Satisfactory

TABLE XI.—Continued.

No. in Register	Nature of Work carried on.	Cubic Capacity.	Number of Persons permitted to be Employed.	Number of Workers Employed.	W.C.		Lighting.	Warming.	Ventilation.	Paint, Paper or Limewash.	Remarks.
					M	F.					
31	Motor and Cycle Repairs ...	8,505	34	4	1	-	Windows	Stove	Windows and Top	Limewashed	Satisfactory
32	Plumber ...	646	2	2	1	-	Window	Stove	Windows and Top	Limewashed	Satisfactory
33	Joinery ...	7,930	31	4	1	-	Windows and Gas	Stove	Windows and Top	Limewashed	Satisfactory
—	Blacksmith ...	7,560	30	2				Forge		Limewashed	Satisfactory
34	Wheelwright ...	4,830	18	1			Windows and Gas	...	Windows and Doors		Satisfactory
—	Painter ...	3,720	14	1	1	-	Windows and Gas	Stove	Windows and Doors	Limewashed	Satisfactory
—	Wheelwright ...	5,184	20	3			Windows and Gas	...	Windows and Doors	Limewashed	Satisfactory
35	Cycle and Motor Repairs ...	2,436	9	4	1	-	Windows and Gas	Stove	Windows and Doors	Limewashed	Satisfactory
		8,640	34				Windows and Gas	Stove	Windows and Doors	Limewashed	Satisfactory
36	Joinery ...	39,600	158	5	Privy	-	Windows and Electricity	Stove	Windows and Doors	Limewashed	Satisfactory
37	Saw Mills ...	21,020	84	4	Privy	-	Doors open	Stove	Doors	Limewashed	Satisfactory
38	Steel Rolling ...	14,985	59								
—	Mills ...	20,535	82	4	Privy	-	Doors open	Engine	Doors and Top	...	Satisfactory
39	Joinery ...	5,669	22	3	W.C.	-	Doors open	...	Open Front	Limewashed	Satisfactory
—	Joinery ...	8,000	30	7	1	-	Windows and Gas	Stove	Doors and Windows	Limewashed	Satisfactory
40	Farrier ...	3,712	14	3	Privy	-	Windows and Gas	Forge	Doors and Windows	Limewashed	Satisfactory
—		2,583	10		W.C.	-	Windows and Gas	...	Doors and Windows	...	Satisfactory
41	Farrier ...	4,158	16	2	1	-	Doors open	Forge	Doors and Windows	...	Satisfactory
42	Joiner ...	9,544	38	2	-	-	Doors open	Hot Pipes	Doors and Windows	Limewashed	Satisfactory
43	Farrier ...	4,320	17	6	1	-	Windows and Doors	Forge	Windows	Limewashed	Satisfactory
		9,537	38	4	1	-	Windows and Gas	Forge	Windows and Doors		
44	Wheelwright...	4,212	16	1	-	-	Windows and	...	Windows and Doors	Limewashed	Satisfactory
—	Blacksmith ...	7,956	31	2	1	-	Electric Light	Forge	Windows	Limewashed	Satisfactory
45	Basket Making ...	2,304	9	3	1	-	Windows, Oil Lamp	...	Windows and Doors	Limewashed	Satisfactory
46	Baking ...	1,864	7	2	Privy	-	Windows, Oil Lamp	Stove	Windows and Doors	Limewashed	Satisfactory
								Oven	Windows and Doors	Limewashed	Satisfactory
47	Farrier ...	2,475	9		Privy	-	Windows and				
		2,227	8	3	W.C.	-	Electricity	Forge	Windows and Doors	Limewashed	Satisfactory
48	Joinery ...	6,720	26	6	1	-	Windows and Gas	Stove	Windows and Doors	Limewashed	Satisfactory
49	Farrier ...	7,280	29	5	Privy	-	Windows and Gas	Forge	Windows and Doors	Limewashed	Satisfactory
—	Wheelwright...	4,828	19	2	-	-	Windows	...	Windows and Doors	Limewashed	Satisfactory
50	Baking ...	779	7	1	W.C.	-	Windows and Gas	Oven	Windows and Doors	Limewashed	Satisfactory
		1,755	7	7					Windows and Doors	Papered	
51	Dressmaking...	2,025	8	5		W.C.	Windows and Gas	Fire Places	Windows and Doors	Papered	
		931	3	0					Windows and Doors	Papered	Satisfactory
52	Baking ...	2,430	8	1	W.C.	-	Windows	Oven	Windows and Doors	Papered	
53	Furniture Repairer	1,485	5		W.C.	-	Windows and Gas	Fire Places	Windows and Doors	Limewashed	Satisfactory
		1,980	7	3					Windows and Doors	Papered	Satisfactory
54	Millinery ...	1,260	5	3	-	W.C.	Windows and Gas	Fire Place	Windows and Doors	Papered	Satisfactory
55	Joiner and Builder ...	8,820	35	6	W.C.	-	Windows and Gas	Fire Place	Windows and Doors	Limewashed	Satisfactory
56	Joiner and Builder ...	13,800	52	6	E.C.	-	Windows and Gas	None	Windows and Doors	Limewashed	Satisfactory
57	Saw Mill and Gravel Pit ...	18,000	—	3	W.C.	-	Windows and Doors	None	Open Doors	...	Satisfactory

TABLE XI.—Continued.

No. in Register.	Nature of Work carried on.	Cubic Capacity.	Number of Persons permitted to be Employed.	Number of Workers Employed.	W.C.		Lighting.	Warming.	Ventilation.	Paint, Paper or Limewash.	Remarks.
					M.	F.					
58	Baking ...	2180	8	3	W.C.	—	Windows and Gas	Ovens	Windows and Doors	Limewashed	Satisfactory
59	Dressmaking...	2320	9	4	—	W.C.	Windows and Electricity	Fire	Windows and Doors	Limewashed	Satisfactory
60	Dressmaking...	1242	4	3	—	W.C.	Windows and Gas	Fire	Windows and Doors	Papered	Satisfactory
61	Painter and Paper Hanger ...	5000	20	4	W.C.	—	Windows	Stove	Windows and Doors	Limewashed	Satisfactory
62	Saddler ...	2646	6	5	W.C.	—	Windows and Gas	Fire	Windows and Doors	Limewashed	Satisfactory
63	Bootmaker ...	648	2	1	W.C.	—	Window and Doors	Stove	Windows and Doors	Satisfactory	Satisfactory
64	Bootmaker ...	1155	4	2	W.C.	—	Windows and Gas	Stove	Windows and Doors	Limewashed	Satisfactory
65	Bootmaker ...	3905	12	5	W.C.	—	Windows and Gas	Fire Places	Windows and Doors	Papered	Satisfactory
66	Bootmaker ...	700	2	1	W.C.	—	Windows and Gas	Stove	Windows and Doors	Satisfactory	Satisfactory
67	Bootmaker ...	1638	6	4	W.C.	—	Windows and Gas	Fire	Windows and Doors	Limewashed	Satisfactory
68	Plumber and Glazier	3264	12	2	W.C.	—	Windows	Stove	Windows and Doors	Satisfactory	Satisfactory
69	Cycle and Motor Repairer ...	4416	16	3	—	—	Windows	Stove	Windows and Doors		Satisfactory

FREDK. MERRIFIELD, SANITARY INSPECTOR

ANNUAL REPORT of Medical Officer of Health for 1905, for the Urban District of Sutton Coldfield.

FACTORIES, WORKSHOPS, LAUNDRIES, WORKPLACES, & HOMEWORK.

1.—INSPECTION.

(Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.)

Premises.	Number of		
	Inspection.	Written Notices.	Prosecutions.
10 Factories (including Factory Laundries) ...	20	—	—
59 Workshops (including Workshop Laundries)	98	1	—
Workplaces	—	—	—
Homeworkers' Premises	—	—	—
Total ...	118	1	—

2.—DEFECTS FOUND.

Particulars.	Number of Defects.			Number of Prosecutions.
	Found.	Remedied.	Referred to H.M. Inspector.	
<i>Nuisances under the Public Health Acts :—*</i>				
Want of cleanliness	—	—	—	—
Want of ventilation	—	—	—	—
Overcrowding	—	—	—	—
Want of drainage of floors	—	—	—	—
Other nuisances	—	—	—	—
†Sanitary accommodation—				
Insufficient	—	—	—	—
Unsuitable or defective	—	—	—	—
Not separate for sexes	—	—	—	—
<i>Offences under the Factory and Workshop Act :—</i>				
Illegal occupation of underground bakehouse (S. 101)	—	—	—	—
Breach of special sanitary requirements for bakehouses (SS. 97 to 100)	—	—	—	—
Failure as regards lists of outworkers (S. 107)	—	—	—	—
Giving out work to be done in premises which are—				
Unwholesome (S. 108)	—	—	—	—
Infected (S. 110)	—	—	—	—
Allowing wearing apparel to be made in premises infected by scarlet fever or smallpox (S. 109)	—	—	—	—
Other offences	—	—	—	—
Total	—	—	—	—

* Including those specified in Sections 2, 3, 7 and 8 of the Factory Acts as remediable under the Public Health Acts.

† For districts not in London state here whether Section 22 of the Public Health Acts Amendment Act, 1890, has been adopted by the District Council; and if so what standard of sufficiency and suitability of sanitary accommodation for persons employed in factories and workshops has been enforced.

3.—OTHER MATTERS.

Class.	Number.	
Matters notified to H.M. Inspectors of Factories :—		
Failure to affix Abstract of the Factory and Workshop Act (S. 133)	—	
Action taken in matters referred by H.M. Inspectors as remediable under the Public Health Acts, but not under the Factory Act (S. 5)—		
Notified by H.M. Inspectors	—	
Reports (of action taken) sent to H.M. Inspectors...	—	
Other	—	
Underground Bakehouses (S. 101)—		
In use during 1905	—	
Certificates granted in 1905	—	
" " 1905	—	
In use at the end of 1905	—	
Number of		
Homework —	Lists.	Out-workers.
	—	—
	—	—
	—	—
<i>Lists of Outworkers*</i> (S. 107)—		
Lists received	—	—
Addresses of outworkers forwarded to other Authorities	—	—
Addresses of outworkers received from other Authorities	—	—
<i>Homework in unwholesome or infected premises—</i>		
Notices prohibiting homework in unwholesome premises (S. 108)	—	—
Cases of infectious disease notified in homeworkers' premises	—	—
Orders prohibiting homework in infected premises (S. 110)	—	—
Workshops on the Register (S. 131) at the end of 1905, including the 18 Bakehouses	59	
Total number of workshops on Register ...	59	

* The Lists should be received twice in the year. The year's figures required in the Table are those obtained by adding together the two half-yearly totals.